



## Oil States Pull-Test Facility

Houma, Louisiana

*Complete pull-test capabilities with access to the Gulf Intracoastal Waterway*

The Oil States Houma Pull-Test Facility provides a diverse array of high-load testing capabilities for testing offshore pulling equipment prior to deployment.

### Convenient location for load in and out

The facility is strategically located on the bank of Bayou LaCarpe in Houma, Louisiana. Bayou LaCarpe flows directly into the Gulf Intracoastal Waterway and provides a minimum of 12 feet of water depth from the Gulf Intracoastal Waterway to the facility bulkhead.

With 250 ft. of bulkhead, our testing site is well designed for load-in and load-out of large, heavy equipment by either barge-mounted or land-based cranes.

### High-load facilities and technology

The test site is situated on a 150 ft. x 250 ft. pile-supported, post-tensioned concrete deck on which pulling, jacking and skidding equipment can be tested at loads up to 1250 metric tonnes.

A pair of hydraulic cylinders provides the 1250 metric ton pulling force for testing with chain, while a double-drum traction winch with 3-in. diameter rope powered by a 1000 HP, DC, electric motor, provides up to 600,000 lb. of line pull for testing with 3" wire rope.

The cylinders provide 120 inches of travel for dynamic testing at extreme loads, while the winch provides for dynamic testing of equipment at moderate loads as well as 10,000 ft. of spooling.



The "turn-up" sheave is a combination sheave which will accommodate either 147mm studless anchor chain or 3" diameter wire rope. The cylinders, shown here, provide the pull for the chain testing while a DC-powered, traction winch provides the pull for 3" wire rope testing.

### Key Equipment

- Test facility crawler crane capacity up to 600,000 lbs.; boom length up to 200'
- Test cylinders pull up to 1250 metric tonnes
- Traction winch features 600,000 lb. line pull, double-drum
- Test pit provides versatility for any testing scenario

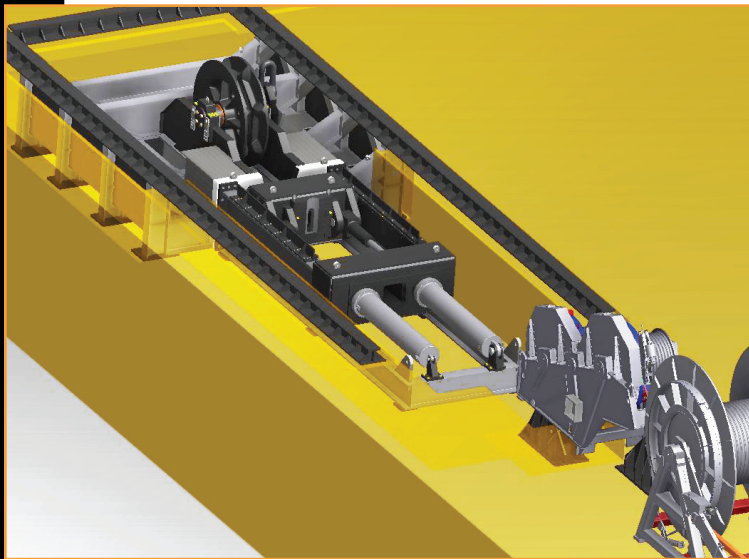
A test pit with a turning sheave foundation provides for a variety of testing scenarios and is capable of withstanding the 1250 metric tonne pull capacity at a 90-degree wrap.





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The cylinders provide up to 120 inches of dynamic testing and extreme loads while the winch allows for testing equipment at moderate loads for longer duration.

## Key Test Site Features

- Strategically located on the Gulf Intracoastal Waterway
- On site engineering support for test configuration or program design
- Data acquisition capabilities during testing (loads, speeds, temperatures, pressures, etc.)
- Tests of lateral/horizontal and vertical loads
- Experienced material handling team



Oil States Houma's manufacturing, engineering, sales and service facility with waterfront access.

The turning sheave handles 147 mm, studless anchor chain connected to the test cylinders or 3-in. diameter wire rope from the traction winch. Other turning sheaves can be fitted to accommodate additional wire rope and chain sizes as required.

The versatility and flexibility of the test facility allows for a diverse array of configurations to accommodate many different testing requirements.

## About us

Oil States Houma is a trusted provider of offshore equipment and services in some of the world's most demanding environments. Our core deck equipment solutions include industry-leading marine cranes, mooring systems and anchor-handling equipment. Our aftermarket capabilities include worldwide service and repair, refurbishment of used equipment, parts and rental equipment.

*Contact us today to discuss your testing needs.*

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